

ABSTRACT

LAMINATE COMPOSITE FABRIC

- 5 A laminated composite fabric material used for example in the manufacture of automobile air bags has at least one thermoplastic coating layer that is pressure laminated to a pre-treated fabric using an adhesive. The fabric, pre-treated with a curing agent such as an alkyl ether amine, resists penetration by the adhesive, resulting in a softer, more pliable composite fabric.
- 10 The composite fabric also optionally includes a layer comprising a silicone polyurethane copolymer or acrylic cross-linked with a blocked isocyanate, which functions as a non-stick coating. The invention also relates to a method for manufacturing a laminated composite fabric.

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